

EXTRA HEAVY DUTY 80 SERIES



FEATURES

Swivel Section: Drop forged from C-1045 steel with 5" diameter, precision machined load raceway. A 1-1/4" tapered thrust bearing completes the precision fit.

Legs: 3/8" x 4" formed and continuously welded both inside and outside.

Kingpin: 1-1/4" integrally forged kingpin with slotted adjusting nut.

Axle: 1", Grade 5 axle.

Lubrication: Pre-lubricated before shipping.

Wheels: 6" to 12" diameter wheels.

Finish: Gold Powder Coat

APPLICATIONS

Die carts, automotive plants, steel mills, production line delivery trailers, fiberglass lay up molds, stamping racks, aircraft maintenance, aircraft crew stairs, trash gondolas and other aircraft ground support equipment.

BENEFITS

The 80 Series has a ball load swivel that delivers high capacity at a good value. The raceways are heat treated to eliminate brinelling of the surface when the casters are subjected to shock loads. The exceptional strength of the 80 Series makes it an ideal choice for rugged applications. These casters are built around automotive industry standards. Please consult factory.

OPTIONS

BRAKES

Poly Lock: P*
Wrap Around: W*
Face Contact: F

SWIVEL LOCKS

Factory Installed: L
Heavy Duty Demountable: DHDL
Heavy Duty: HDL
Demountable: DL
Foot Actuated: KL

SEALED SWIVEL SECTION SSW

SEALED WHEELS SW

TOE GUARD TG

* For wheels with a diameter > 6"
Contact the factory for special overall heights and finishes.
DUAL WHEEL DESIGN AVAILABLE

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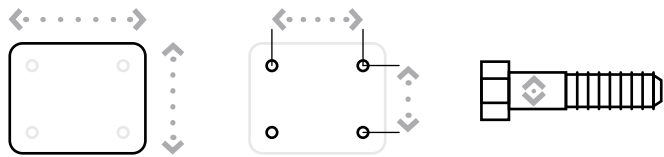
STRAIGHT ROLLER BEARING

Diameter	Width	Material	Capacity	OAH	Swivel Radius	Swivel Lead	Part Number	Weight
6	2.50	Forged Steel	4,000	8.50	5.64	2.50	80-06251-20-1	38.00
6	3.00	H.D. Standard Polyurethane	2,500	8.50	5.70	2.50	80-06301-65-1	40.00
6	3.00	Standard Polyurethane	2,050	8.50	5.70	2.50	80-06301-60-1	37.00
6	3.00	Laminated Phenolic	2,500	8.50	5.70	2.50	80-06301-35-1	30.00
6	3.00	Forged Steel	5,000	8.50	5.70	2.50	80-06301-20-1	45.00
6	3.00	Cast Iron	2,500	8.50	5.70	2.50	80-06301-10-1	36.00
6	4.00	H.D. Standard Polyurethane	3,000	8.50	5.85	2.50	80-06401-65-1	36.00
8	3.00	Mold On Rubber	825	10.50	6.67	2.50	80-08301-70-1	37.00
8	3.00	H.D. T/R Polyurethane	2,500	10.50	6.67	2.50	80-08301-66-1	45.00
8	3.00	Standard Polyurethane	2,500	10.50	6.67	2.50	80-08301-60-1	40.00
8	3.00	H.D. Standard Polyurethane	3,100	10.50	6.67	2.50	80-08301-65-1	45.00
8	3.00	Laminated Phenolic	3,000	10.50	6.67	2.50	80-08301-35-1	32.00
8	3.00	Forged Steel	5,000	10.50	6.67	2.50	80-08301-20-1	44.00
8	3.00	Cast Iron	4,500	10.50	6.67	2.50	80-08301-11-1	40.00
8	4.00	Standard Polyurethane	3,800	10.50	6.80	2.50	80-08401-60-1	48.00
8	4.00	Forged Steel	5,000	10.50	6.80	2.50	80-08401-20-1	48.00
10	3.00	Mold On Rubber	1,000	12.50	7.65	2.50	80-10301-70-1	50.00
10	3.00	H.D. T/R Polyurethane	2,800	12.50	7.65	2.50	80-10301-66-1	55.00
10	3.00	Standard Polyurethane	3,000	12.50	7.65	2.50	80-10301-60-1	49.00
10	3.00	H.D. Standard Polyurethane	3,700	12.50	7.65	2.50	80-10301-65-1	55.00
10	3.00	Laminated Phenolic	3,250	12.50	7.65	2.50	80-10301-35-1	36.00
10	3.00	H.D. Forged Steel	5,000	12.50	7.65	2.50	80-10301-21-1	54.00
10	3.00	Cast Iron	4,000	12.50	7.65	2.50	80-10301-11-1	50.00
10	4.00	Mold On Rubber	1,500	12.50	7.76	2.50	80-10401-70-1	51.00
10	4.00	Standard Polyurethane	4,200	12.50	7.76	2.50	80-10401-60-1	55.00
10	4.00	H.D. Standard Polyurethane	5,000	12.50	7.76	2.50	80-10401-65-1	60.00
10	4.00	Forged Steel	5,000	12.50	7.76	2.50	80-10401-20-1	74.00
12	3.00	Mold On Rubber	1,125	15.50	8.63	2.50	80-12301-70-1	55.00
12	3.00	H.D. T/R Polyurethane	2,900	15.50	8.63	2.50	80-12301-66-1	57.00
12	3.00	H.D. Standard Polyurethane	3,850	15.50	8.63	2.50	80-12301-65-1	53.00
12	3.00	Standard Polyurethane	3,500	15.50	8.63	2.50	80-12301-60-1	53.00
12	4.00	Mold On Rubber	1,600	15.50	8.73	2.50	80-12401-70-1	58.00
12	4.00	H.D. T/R Polyurethane	3,800	15.50	8.73	2.50	80-12401-66-1	70.00
12	4.00	H.D. Standard Polyurethane	5,000	15.50	8.73	2.50	80-12401-65-1	70.00
12	4.00	H.D. Hard Polyurethane (70D)	5,000	15.50	8.73	2.50	80-12401-67-1	53.00

Capacity listed is for manual operation. For powered operations, consult factory.
Part Numbers listed are for the swivel casters. For rigid casters, change the last digit from 1 to 2 (i.e. 80-10309-70-2)
Estimated weight is for swivel caster. Deduct 20 percent of swivel caster weight for rigid casters.
All dimensions are in inches. All weights are in pounds.

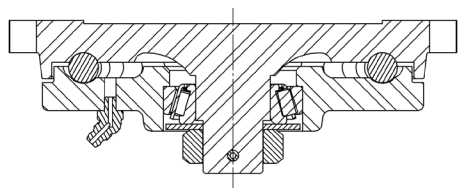
CONTINUED

MAXIMUM CAPACITY
5,000 lbs.



Top Plate Size	Bolt Hole Spacing	Bolt Diameter
Standard: 6" x 7.5"	4.5" x 6"	0.5"
OT-CJ: Optional Top Plate Columbus Jack 6" x 7.5"	4.625" x 5.5"	0.5"

80 SERIES TOP PLATE



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PRECISION TAPERED BEARING

Diameter	Width	Material	Capacity	OAH	Swivel Radius	Swivel Lead	Part Number	Weight
6	2.50	Forged Steel	5,000	8.50	5.64	2.50	80-06259-20-1	38.00
6	3.00	H.D. T/R Polyurethane	1,640	8.50	5.70	2.50	80-06309-66-1	37.00
6	3.00	H.D. Standard Polyurethane	2,500	8.50	5.70	2.50	80-06309-65-1	40.00
6	3.00	Standard Polyurethane	2,050	8.50	5.70	2.50	80-06309-60-1	37.00
6	3.00	Laminated Phenolic	2,500	8.50	5.70	2.50	80-06309-35-1	30.00
6	3.00	Forged Steel	5,000	8.50	5.70	2.50	80-06309-20-1	45.00
6	3.00	Cast Iron	2,500	8.50	5.70	2.50	80-06309-10-1	36.00
6	4.00	H.D. Standard Polyurethane	3,000	8.50	5.85	2.50	80-06409-65-1	36.00
8	3.00	Mold On Rubber	825	10.50	6.67	2.50	80-08309-70-1	37.00
8	3.00	H.D. T/R Polyurethane	2,500	10.50	6.67	2.50	80-08309-66-1	45.00
8	3.00	Standard Polyurethane	2,500	10.50	6.67	2.50	80-08309-60-1	40.00
8	3.00	H.D. Standard Polyurethane	3,100	10.50	6.67	2.50	80-08309-65-1	45.00
8	3.00	Laminated Phenolic	3,000	10.50	6.67	2.50	80-08309-35-1	32.00
8	3.00	Forged Steel	5,000	10.50	6.67	2.50	80-08309-20-1	44.00
8	3.00	Cast Iron	4,500	10.50	6.67	2.50	80-08309-11-1	40.00
8	4.00	Standard Polyurethane	3,800	10.50	6.80	2.50	80-08409-60-1	48.00
8	4.00	Forged Steel	5,000	10.50	6.80	2.50	80-08409-20-1	48.00
10	3.00	Mold On Rubber	1,000	12.50	7.65	2.50	80-10309-70-1	50.00
10	3.00	H.D. T/R Polyurethane	2,800	12.50	7.65	2.50	80-10309-66-1	55.00
10	3.00	Standard Polyurethane	3,000	12.50	7.65	2.50	80-10309-60-1	49.00
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10	4.00	Standard Polyurethane	4,200	12.50	7.76	2.50	80-10409-60-1	55.00
10	4.00	H.D. T/R Polyurethane	4,000	12.50	7.76	2.50	80-10409-66-1	60.00
10	4.00	H.D. Standard Polyurethane	5,000	12.50	7.76	2.50	80-10409-65-1	60.00
10	4.00	Forged Steel	5,000	12.50	7.76	2.50	80-10409-20-1	74.00
12	3.00	Mold On Rubber	1,125	15.50	8.63	2.50	80-12309-70-1	55.00
12	3.00	H.D. T/R Polyurethane	2,900	15.50	8.63	2.50	80-12309-66-1	57.00
12	3.00	H.D. Standard Polyurethane	3,850	15.50	8.63	2.50	80-12309-65-1	53.00
12	3.00	Standard Polyurethane	3,500	15.50	8.63	2.50	80-12309-60-1	53.00
12	4.00	Mold On Rubber	1,600	15.50	8.73	2.50	80-12409-70-1	58.00
12	4.00	H.D. T/R Polyurethane	3,800	15.50	8.73	2.50	80-12409-66-1	70.00
12	4.00	H.D. Standard Polyurethane	5,000	15.50	8.73	2.50	80-12409-65-1	70.00
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KINGPINLESS STYLE 81 SERIES CASTERS